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Signature: Gabe Cheria  
\_\_\_\_\_  
\_\_\_\_\_  
GABE CHERIAN  
Typed or printed name of person signing Certificate

(\*) This correspondence/mailing contains the following submitted documents:

1. My response to USPTO Official Communication date mailed 07/26/2004.
2. Drawings Figs. 33, 34, 46 and 53.
3. A copy of above USPTO Official Communication.
4. This Certificate of Express Mailing
5. A stamped, self-addressed postcard with a detailed list of mailed documents.

All the above relates to a Utility Patent Application:

Serial Number: **10/075,060**

Art Unit: 2825

Filed: **February 11, 2002**

Examiner: Calvin Lee

For: **INTERCONNECTIONS**

Name of Inventor: **GABE CHERIAN**

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UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/075,060	02/11/2002	Gabe Cherian		7459

39574 7590 07/26/2004  
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R#4729

EXAMINER
LEE, CALVIN

ART UNIT	PAPER NUMBER
2825	

DATE MAILED: 07/26/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

"NO-WICK" MICRO COLUMNS



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

### NOTICE OF DRAWING INCONSISTENCY WITH SPECIFICATION

The drawings filed 2-11-02 have been received. However, an inconsistency exists between the drawings and the Brief Description of the Drawings in the specification.

Figures 34 are listed in the Brief Description of the Drawings in the specification but not contained in the Drawings.

Figures 46(twice) are contained in the Drawings.

Applicant is required to correct the above-noted inconsistency within a time period of **ONE MONTH or THIRTY (30) DAYS, whichever is longer**, from the mailing date of this Notice, or within the time remaining in the time period set forth in the Notice of Allowability (Form PTOL-37) to file corrected drawings, whichever is longer. **NO EXTENSION OF THIS TIME PERIOD MAY BE GRANTED UNDER EITHER 37 CFR 1.136 (a) OR (b)**

Failure to correct the above noted inconsistency will result in **abandonment** of the application.

The file will be held in the Publishing Division to await the correction of the inconsistency.

**Return Corrected Drawings/Specification to:**

Mail Stop Issue Fee  
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Office of Patent Publication/Publishing Division  
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(B)

Chen

**CHERIAN**

PATENT APPLICATION NO.: 10/075,060

Filed: February 11, 2002

For: INTERCONNECTIONS

**PATENT  
DRAWING INCONSISTENCY**



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of:

Gabe Cherian.

Serial Number: 10/075,060

Art Unit: 2825

Filed: February 11, 2002

Examiner: Calvin Lee

For: INTERCONNECTIONS

\*\*\*\*\*

**RESPONSE UNDER 37 C.F.R. § 1.111 ??**

**TO THE OFFICE COMMUNICATION DATE MAILED 07/26/2004**

**TO: Mail Stop Issue Fee**

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**CHERIAN**

PATENT APPLICATION NO.: 10/075,060

Filed: February 11, 2002

For: INTERCONNECTIONS

**PATENT  
DRAWING INCONSISTENCY**

August 12, 2004

Greetings:

This paper is submitted in full response to the Official Communication date mailed 07/26/2004, Confirmation No. 7459.

This Official Communication requires that I submit the required corrections within ONE MONTH from the mailing date of the notice, or within the time remaining in the time period set forth in the Notice of Allowance, whichever is longer. This Official Communication gives me until August 26, 2004.

If I understand correctly, the Notice of Allowance gives me until September 23, 2004, as explained below. I am not quite sure. This is my first experience doing all this procedure by myself. Any advice or assistance will be highly appreciated.

I had received earlier the "NOTICE OF ALLOWANCE AND FEE(S) DUE" for this same application. It is date mailed 06/23/2004. Included in that Notice of Allowance was a NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW, which showed that I have to do a lot of corrections on ALL the drawings.

**CHERIAN**

PATENT APPLICATION NO.: **10/075,060**

Filed: February 11, 2002

For: INTERCONNECTIONS

**PATENT  
DRAWING INCONSISTENCY**

The Notice of Allowance tells me that the Issue Fee and Publication Fee must be paid WITHIN THREE MONTHS from the mailing date of the notice. This gives me time until September 23, 2004, as I mentioned above. My understanding is that the drawing corrections are to be submitted within the time period set in the attached Office Communication. See 37 CFR 1, 85(a). I suspect that makes it the same date, i.e. September 23, 2004 as well. Please let me know if this is not correct. Thank you in advance.

I am still working on the required corrections. But I have finished what I need to do on the drawings that you mentioned in your above Official Communication date mailed 07/26/2004, Confirmation No. 7459 and I am happy to send them to you right now. I will send the rest of the corrected drawings as soon as possible, hopefully within the next two to three weeks.

At this time, I am attaching herewith the following four drawings for your service:

Figs. 33, 34, 46 and 53.

**CHERIAN**

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**PATENT  
DRAWING INCONSISTENCY**

You had stated that Fig. 34 was missing. I am attaching it herewith, together with Fig. 33. Figs. 33 and 34 show a 3-D view of the leadframe 421. In Fig. 33, the leads have not been folded yet, while in Fig. 34, they have been folded already.

You had also stated that Fig. 46 was submitted twice. I suspect that it was Figs. 46 and 53, that looked so very similar. Figs. 46 and 53 can be confusing. They look very close to each other and can give the impression that they are duplicate to each other. However, the components are slightly different. The columns in Fig. 46 have a “DAM” at each of the two ends of each column. The dams are slightly larger in size than the column stem. On the other hand, the columns in Fig. 53 do not have those dams. The columns in this case are “treated”, such that the ends of the columns are solderable, while the stem (the rest of the column) is not solderable or wettable to solder and the like. I have shown the solderable ends of the treated columns darker than the stems. I suspect they would look pretty similar to the columns shown in Fig. 46. The best way to differentiate them is by looking at the “Reference Numerals”, which I have included in the attached drawings.

By the way, I had not entered any reference numerals on any of the drawings, nor in the specification, which were part of the original application, and I am correcting that

**CHERIAN**

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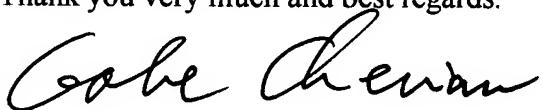
Filed: February 11, 2002

For: INTERCONNECTIONS

**PATENT  
DRAWING INCONSISTENCY**

situation now. As a result, I am amending the specification as well. I have to find out how to submit these amendments. I will call and ask you and/or the examiner about all that.

Thank you very much and best regards.



Gabe Cherian.

Attachments:

Figs. 33, 34, 46 and 53.

A copy of your Official Communication date mailed 07/26/2004.